



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 106254

TO: Robert A Wax
Location: CM1/11D05/9B01
Art Unit: 1653
Tuesday, November 18, 2003

Case Serial Number: 09/994164

From: Toby Port
Location: Biotech-Chem Library
CM1-6A04
Phone: 308-3534

toby.port@uspto.gov

Search Notes

Dear Examiner Wax,

Here are the results of your search.
Please feel free to contact me if you have any questions.

Toby Port



STIC SEARCH RESULTS FEEDBACK FORM

Biotech-Chem Library

Questions about the scope or the results of the search? Contact *the searcher* or *contact:*

Mary Hale, Information Branch Supervisor
308-4258, CM1-1E01

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 1610

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)


➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/Biotech-Chem Library CM1 – Circ. Desk



Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) 
Terms: **patno is 6262019** ([Edit Search](#))

302217 (09) 6262019 July 17, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT
6262019

[Access PDF of Official Patent.](#) (Note: Cost incurred in a later step)

The Adobe Acrobat Reader must be installed on your computer to access Official Patent text. If you do not have this FREE reader, you can download it now from www.adobe.com.

[Link to Claims Section](#)

July 17, 2001

Method of treatment of glutathione deficient mammals

REISSUE: November 26, 2001 - Reissue Application filed Nov. 26, 2001, (O.G. Feb. 26, 2002) Ex. Gp.: 1653; Re. S.N. 09/994,164 (O.G. February 26, 2002)

APPL-NO: 302217 (09)

FILED-DATE: April 29, 1999

GRANTED-DATE: July 17, 2001

ENGLISH-ABST:

Glutathione (GSH) is a tripeptide of extreme importance as a catalyst, reductant, and reactant. It can be depleted intracellularly either by forming a direct complex with an electrophilic agent (accomplished investigatively by agents such as bromobenzene or diethyl maleate), by way of inhibition of synthesis, or by subjecting cells to oxidant stress. Most cells, except for epithelia cells, do not have a direct transport capacity for intact GSH. Non-epithelial cells must either transport precursor substrates for GSH synthesis or salvage amino acids from circulating GSH for reuse in intracellular resynthesis. Dietary cysteine is a rate limiting substrate for the synthesis of glutathione and also inhibits GSH efflux. Although GSH is synthesized from precursors in virtually all cells, the liver is the main source of plasma GSH. Protection and support of liver function is paramount to elevating GSH levels. The disclosure is also of a unique combination of nutritional supplements including n-acetyl cysteine, vitamin C, l-glucosamine, n-acetyl d-glucosamine, quercitin, sylimarin, Alpha lipoic acid and high protein, low fat whey that are combined to support various bodily systems involved in glutathione synthesis, reutilization and storage; all intended to elevate glutathione concentration in the mammalian cell.

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Terms: **patno is 6262019** ([Edit Search](#))

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Date/Time: Tuesday, November 18, 2003 - 2:41 PM EST

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Litigation involving patent 6,262,019

Click on the docket number to view the docket.
Click on the above patent number to view the patent.

▼ Docket ▲	▼ Case Heading ▲	▼ Date Filed ▲	▼ Date Retrvd ▲
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There are no cases involving this patent number.